Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 12 Oct 2022 until 23:59 on Thursday 13 Oct 2022

Forecast Issued on Wednesday 12 Oct 2022 at 01:08

Confidence: High for rather cloudy day with some rain Wednesday and a largely fine day Thursday, but lower for timing of rain and cloud clearance later Wednesday and for details through Friday and over the weekend.

Headline for Wednesday 12 Oct 2022: Rather cloudy with occasional, mainly light rain. Breezy.

Mountain weather hazards on Wednesday 12 Oct 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Light rain	Light rain showers	Cloudy	Fog
Precipitation probability					
30%	30%	40%	40%	40%	30%

Forecast for Wednesday 12 Oct 2022

Weather: Clear spells through the early hours, although western hills becoming cloudier towards dawn with some patchy rain. Then a mostly cloudy morning, perhaps a few brighter spells across eastern hills, with further patchy light rain, the rain becoming more persistent for a time in the afternoon. During the late afternoon and evening the rain clears southeastwards and the cloud gradually lifts, with some clear spells developing towards midnight.

Chance of cloud-free hill tops above 600m: Around 30% at first in west but nearer 60% in east through morning, becoming close to zero for a time in the afternoon, chance then improving to 90% through the evening.

Low cloud and visibility: Periods or persistent, but more occasional at times in east, cloud developing above 600-750m, with patches below, through the morning, lowering, especially over western hills, to 450m at times for a time in the afternoon. Cloud becomes more occasional and lifts above the summits through the evening. Otherwise visibility below the cloud, very good falling to several kilometres in rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Wednesday 12 Oct 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 SW	22/31 SW	22/30 SW	22/31 SW	13/18 W	9/13 W	6/10 W
300	16/25 S	15/24 S	17/25 S	16/24 SW	10/16 W	7/11 SW	5/8 W
Valley	8/23 S	10/23 S	11/23 S	11/23 SW	6/15 W	4/9 SW	2/7 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	7/3	8/4	10/6	9/6	8/6	7/6
300	9/6	10/7	10/7	12/9	11/9	10/9	10/9
Valley	9/7	10/8	11/9	12/10	11/10	10/10	10/9
Freezing Level*	2100m	2500m	2300m	2300m	2000m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rather cold over summits, especially in rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 12 Oct 2022	0mm	0.4mm	10.6mm

Forecast for Thursday 13 Oct 2022

Weather: Dry with increasingly long clear spells overnight, perhaps a few low level mist and fog patches. Then a sunny morning, although the sunshine will be hazy at times, especially through the afternoon as cloud above the summits increases and thickens into the evening, perhaps with some showers towards midnight.

Maximum wind: Variable 10mph or less overnight and through the morning becoming southerly 10-15mph by mid-afternoon then increasing 20mph through the evening.

Chance of cloud-free hill tops above 600m: Close to 100% then falling close to 19% later in the evening.

Low cloud and visibility: Little or no cloud below the summits overnight and through daylight hours, becoming periods or persistent cloud above 450-600m in evening. Otherwise visibility, a kilometre or less in any early low level mist and fog patches, but generally good or very good falling to several kilometres in the late evening in any showers.

Temperature: **Valleys:** Plus 3 or 4 Celsius at dawn rising to plus 14 or 15 Celsius by day
At 600m: Around plus 8 Celsius
Freezing level: Above the summits.

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